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determining, by the computing device, that the execution was successful; and

transmitting, to the remote computing device, a notification that the execution was successful.

14. The method of claim **13**, wherein the information about the application state comprises an identifier of the application or the application state, a mime type, a procedure name, a reference to an application programming interface, or authentication information.

15. The method of claim **13**, wherein the information about the application state is received wirelessly via near field communication.

16. The method of claim **13**, wherein the notification causes the remote computing device to close another application on the remote computing device associated with the application state or discontinue the application state of the other application on the remote computing device.

17. A server, comprising:

one or more processors; and

memory storing instructions for execution by the one or more processors, the instructions causing the one or more processors to:

determine that an application is registered to share application states with a plurality of remote computing devices that each execute the application, a first remote computing device and a second remote com-

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puting device of the plurality of remote computing devices under control by a same account identifier; in response to a transfer triggering condition received by the first remote computing device from a second remote computing device, the transfer triggering condition indicating a user instruction received at the second remote computing device to transfer an application state to the second remote computing device: obtain the application state from the first remote computing device; and

cause the second remote computing device to receive at least a portion of the application state obtained from the first remote computing device.

18. The system of claim **17**, wherein the user instruction indicates a user input received at a user interface of the second remote computing device to transfer the application state to the second remote computing device.

19. The system of claim **17**, wherein the application state comprises a message or email, contact, document, webpage or browser tab, or multimedia.

20. The system of claim **17**, the memory storing further instructions for execution by the one or more processors, the further instructions causing the one or more processors to: confirm, in a database, that a same user is associated with the first remote computing device and the second remote computing device.

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